State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-248

Relating to Certification of New Heavy-Duty Engines and Vehicles

INTERNATIONAL TRUCK AND ENGINE CORPORATION

Pursuant to the authority vested in the Air Resources Board at Sections 43100, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned at Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following engine and emission control system produced by the manufacturer are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Model Year: 2001

Fuel Type: Diesel

	Disp	lacement	Exhaust Emission Control
Engine Family	<u>Liters</u>	Cubic Inches	Systems and Special Features
1NVXH0530ANB (DT530 & DT530H	8.7 T)	530	Turbocharger Charge Air Cooler Electronic Control Module Direct Diesel Injection

Engine models and codes are listed on attachments.

BE IT ORDERED AND RESOLVED: That the following are the certification exhaust emission standards (Title 13, California Code of Regulations, Section 1956.8) and certification exhaust emission values for this engine family in grams per brake horsepower-hour under the Federal Test Procedure ("FTP"):

	Total Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen Oxides	Particulate <u>Matter</u>
Standard	1.3	15.5	4.0	0.10
Certification	0.1	1.7	3.9	0.10

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Sections 2035 et seq.).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

R. B. Sammerfield, Chief

Mobile Source Operations Division



BITH MENT

Manufacturer: International E. O. # A-4-248

Engine category: On-highway HDDE

EPA Engine Family: 1NVXH0530ANB

Mfr Family Name: DT 530 AND DT 530 HT

Process Code: New Submission

Control \E J1930	ភ	ဉ် ငှ	ာ် မ	Ţ,	
9.Emission Control Device Per SAE J193	DI, ECM, TC,		DI, EKSIM, IC, DI, EKSIM, TC,	DI, E€MF, TC,	CAC
8.Fuel Rate: 9.Emission Control (lbs/hr)@peak torque Device Per SAE J1930	Average 64.2	73.0	80.0	97.1	
7.Fuel Rate: mm/stroke@peak torque	Average 160.0	181.0	199.0	223.0	
6.Torque @ RPM (SEA Gross)	Advertised 860 @ 1200	950 @ 1200	1050 @ 1200 950 @ 1200	1150 @ 1300	
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	Average 117.0	120.0	19.3	126.6	
4.Fuel Rate: mm/stroke @ peak HP (fcr diesel only)	Average 175.0	180,2	0.88)	188.9	
3.BHP@RPM (SAE Gross)	Advertised 300 @ 2000	300 @ 2000	330 @ 2000	330 @ 2000	
Engine Code 2.Engine Model	CL300	C300	C330	CH330	
.Engine Code	CL300	C300	C330	СН330	